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25X1A

DIRECTOR

25X1A

PR-50
Tech Report

DECH

DDSET

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OFA

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MD

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ROUTINE

TOR 2012Z 06 NOV 64

25X1A

25X1A

IN 56450

25X1A

INFO

25X1A

CITE

8590

25X1A

OXCAR

TO:

FROM:

25X1A

25X1A

1. ATF-51C TEST COMPLETED. TEST ABORTED DUE TO ENGINE PROBLEMS. SYSTEM RAN FOR ABOUT 45 MINUTES. TEST WAS CONDUCTED WITH Q6 PLUG DISCONNECTED DUE TO GROUNDING PROBLEM WITH INS SYSTEM. THE REMOVAL OF THIS PLUG PREVENTS INS INPUTS FROM DRIVING DATA CHAMBER STEPPER MOTORS, SO THERE WILL NOT BE DATA CHAMBER READOUT. THE SYSTEM WAS FLOWN DESPITE THIS KNOWN DISCREPANCY TO CHECK FOCUSING AND HELIUM CONSUMPTION. THIS WAS THE FIRST FLIGHT TEST OF IC SINCE LAST JUNE. GAS CONSUMPTION WAS 5.51 GRAMS PER MINUTE.

2. 1A - SYSTEM STATUS GREEN - VIBRATION SOURCES FOR POSSIBLE IMAGE DEGRADATION UNDER INVESTIGATION.

3. 1B - STATUS GREEN - PREFLIGHT CHECKS COMPLETE.

4. 1C - STATUS GREEN - POSTFLIGHT CHECKOUT IN PROCESS. STARTING INCORPORATION IF ECU'S.

5. 1D - STATUS RED - AWAITING GYRO PACKAGE.

SECRET

GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING
AND DECLASSIFICATION

25X1A

8390

IN 86490

S E C R E T

PAGE TWO

6. IF - STATUS GREEN - CHECKING Q 8 PLUG SIGNAL OUTPUTS
FOR SOLUTION TO PROBLEM OF NADIR PULSE INTERFERENCE TO MAG RE-
CORDER. PROBABLE SOLUTION IS INSTALLATION OF RELAY AND TRANSISTOR
DRIVER TO PROVIDE GROUND CONTACT.

END OF MSG

S E C R E T